

## Product datasheet for **RN202705**

### **Brf1 (NM\_001106761) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Brf1 (NM_001106761) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202705 representing NM\_001106761  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACGGGCCGCTGCGCGGTTGCGCGGCACGGACATCGAGTTGGATGCGGCGCGCGGACGCGG  
 TGTGCACGGGCTGCGGTTGCGGTGCTCGAGGACAACATCATCGTGTCCGAGGTGCAGTTTCGTGGAGAACAG  
 CGGCGCGGCTCGTCGGCAGTCGGCCAGTTTCGTGTCGCTGGACGGTGCAGGGGAAAAACCCCAACCCTAGGC  
 GGCGGCTTTCATGTAACCTGGGAAAGGAATCAAGAGCACAGACCCTACAGAATGGTATTCTCTACTTCA  
 TCCTTGCTGACCATGGGGTGGGACAGGATGCTGGGGTGGGGGCGCGCCACATCCACCACCTGGGGAGCC  
 AGTTGCAACTGAACCAGCACTGCCTGGACACAGCCTTCAACTTCTCAAGATGGCTGTAAGCAAGCATCT  
 TACCCGAGGACGAAAAATGGCCATGTGATTGCTGCCTGCCTCTACTTGACATGCTCCTCGACCTCAGCG  
 ACCTGCTCCAGGTTAACGTGTATGTGCTGGAAAGACCTTCTGCTCTTGGCGAGGGAGCTTTGCATCAA  
 CGCACCAGCTATAGACCCATGCTGTACATTCCACGATTTGCGCATCTACTGGAATTTGGGAGAGAAGAAC  
 CATGAGGTATCCATGACGGCCCTGAGGCTTCTGCAGAGGATGAAAAGGGATTGGATGCACACAGGCCGCGC  
 GCCCTCTGGCCTCTGTGGAGCAGCACTTCTGGTTGCAGCCAGAATGCATGACTTCCGGAGAACCCTCAA  
 AGAAGTCATCAGCGTGGTCAAAGTATGTGAGTCCACATTGCGGAAGAGGCTCACAGAATTTGAAGACACT  
 CCAACCAGTCAGCTCACTATTGACGAGTTTATGAAGATTGACCTGGAGGAGGAGTGTGACCCGCCCTCAT  
 ACACCGCTGGACAGAGGAAGCTGCGCATGAAGCAGCTGGAACAGGTCCTGTCCAAAAAGCTAGAAGAAGT  
 TGAAGGTGAGATCCACTTACCAAGATGCCATTGAAATGAGCTAGAAAACAGTCGGCCAAAGGCTAAA  
 GGGGCTCTCGCCAACTTGTCAAAGGATGGCTCCGGTGGAGACGCCACATCCAGCCCGTTCTGTGAGGAAG  
 ACCTGAGGATGAGGAGCTCGAGGCTGCTGCCAGCCACATGAACAAGGACTTTTACCGAGAGCTCCTGGG  
 GGCTGATGGCGGCTCGGAGGCAGCAGAAGACGCTGATGGGGCAGCAGACCCTCGCCCTGGAGTCCCTG  
 CTTGGTCCCTGCCACAGCAGCCAGCCTGGGTATCTCAGACTCCATCCGAGAGTGCATCTCCTCCCCCA  
 GTGGAGACCCCAAGACTCTTACGGGGATGGGAGCTGGACCTCAGCGGCATCGATGACCTTGAGATTGA  
 CAGATACATCCTGAACGAGTCAGAAGCCCGGTAAGGCTGAGTTGTGGATGCGGGAGAATGCTGAGTAC  
 CTGCGGGAACAGAAAGAGAAAGAAGCAAGAATAGCGAAGGAGAAGGAGCTTGGCATCTATAAGGAGCACA  
 AGCCCAAGAAGTCTTGAACCGCCGGGAGCCAATCCTAGCCAGCACAGCCGGGGAGGCCATTGAGAAGAT  
 GCTGGAACAGAAGAAAATCTCCAGCAAGATCAACTACAGTGTGCTGCGGGACCTAACAGCAAGGGTGGG  
 GGCAGCCCGCCAGGGACGACTCACAGCCTCCAGAGCACACCAGCACCAAGAAGTGTACAGGGAGAAAA  
 GAGCAGCTACCAGGAACAGTGTGATCCTGGGACAAGCATGGGGAAGAGGTTGAGGCCTTTGGTGTCTGC  
 TCAGCCCGCTAAGAAGGCAGCTGTGGGAGAGGCCCTTGCTCTTAAATTCCTGCCTTGGGAGCTGAGCCT  
 GTCAAGCCATCGGCAGTCTTGGTGGAGAGTGGCCCTGTGTATACCATCCTGAGGAGGATGCAGATGAGG  
 AGGACCGCGAGGAAGAGGATGGAGAGCCCTGCGTCAGTGTCTGCAGATGATGGGAGGCAATGATTATGG  
 CTGTGATGGTGACGAGGATGATGGCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106761
- Insert Size:** 2061 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001106761.1](#), [NP\\_001100231.1](#)

**RefSeq Size:** 2380 bp

**RefSeq ORF:** 2061 bp

**Locus ID:** 299347

**Cytogenetics:** 6q32